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**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Young-Hoon Joo et al.

SERIAL NO.: 10/047,707

EXAMINER: Stephen C. Cunningham

DATE FILED: January 15, 2002

ART UNIT: 3663

FOR: OPTICAL AMPLIFIER DEVICE AND BIDIRECTIONAL  
WAVELENGTH DIVISION MULTIPLEXING OPTICAL  
COMMUNICATION SYSTEM USING THE SAME

**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

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**INFORMATION DISCLOSURE STATEMENT**

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of 4 U.S. Patents listed on the attached Form PTO-1449 and a Summary of Invention. A check in the amount of \$180.00 is enclosed to cover the cost for submission of the Information Disclosure Statement. Please charge any additional fees or credit any overpayment to the undersigned firm's Deposit Account No. 502-470.

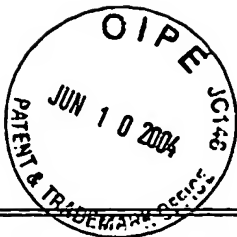
Respectfully submitted,

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DATE: June 7, 2004

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Sheet 1 of 1

Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	5000-1-235
	SERIAL NO.	10/047,707
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT	Young-Hoon Joo et al.
	FILING DATE	January 15, 2002
	GROUP	3663

## U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,740,289	4/14/98	Glance	385	24	12/30/96
	AB	5,926,590	7/20/99	Mao	385	24	10/24/97
	AC	5,812,306	9/22/98	Mizrahi	359	341	6/14/96
	AD	5,801,858	9/1/98	Roberts et al.	359	114	6/25/96

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.